

**ABAP** 

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VB6

XML



## **HTML static code analysis**

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

All rules (65) **R** Bug (24) Security Hotspot (3)

Code Smell (38)

Tags

Search by name...

Table cells should reference their headers

**#** Bug

Tables used for layout should not include semantic markup

📆 Bug

Tables should have headers

🖷 Bug

"<html>" element should have a language attribute

👬 Bug

<script>...</script> elements should not be nested

📆 Bug

"" tags should have "id" or "scope" attributes

📆 Bug

"<title>" should be present in all pages

📆 Bug

"<!DOCTYPE>" declarations should appear before "<html>" tags

📆 Bug

Elements deprecated in HTML5 should not be used

📆 Bug

HTML "" should not be used for layout purposes

Code Smell

"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements

Code Smell

Videos should have subtitles

Code Smell

"" tags should have a description

Analyze your code

Rug Minor 🕝

accessibility wcag2-a

In order to be accessible to visually impaired users, it is important that tables provides a description of its content before the data is accessed.

The simplest way to do it, and also the one recommended by WCAG2 is to add a <caption> element inside the .

Other technics this rule accepts are:

- adding a concise description via aria-label or aria-labelledby attributes in the .
- referencing a description element with an aria-describedby attribute
- embedding the inside a <figure> which also contains a <figcaption>.
- adding a summary attribute to the tag. However note that this attribute has been deprecated in HTML5.

See W3C WAI Web Accessibility Tutorials for more information.

This rule raises an issue when a has neither of the previously mentioned description mechanisms.

**Noncompliant Code Example** 

```
 <!-- Noncompliant -->
```

### **Compliant Solution**

Adding a <caption> element.

```
<caption>New York City Marathon Results 2013</caption>
/table>
```

Adding an aria-describedby attribute.

```
New York City Marathon Results 2013
```

Embedding the table in a <figure> which also contains a <figcaption>.

```
<figure>
 <figcaption>New York City Marathon Results 2013</figca
 </figure>
```

Adding a summary attribute. However note that this attribute has been

# Attributes deprecated in HTML5 should not be used Code Smell Sections of code should not be commented out Code Smell Track uses of "FIXME" tags Code Smell Meta tags should not be used to refresh or redirect Code Smell Links should not directly target images Code Smell "<strong>" and "<em>" tags should be used R Bug "" and "<dt>" item tags should be in "", "" or "<dl>" container tags Rug Bug Server-side image maps ("ismap" attribute) should not be used Rug Bug

"<frames>" should have a "title"

"<fieldset>" tags should contain a

attribute

Rug Bug

"<legend>"

Rug Bug

deprecated in HTML5.

```
...
```

#### **Exceptions**

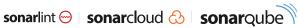
No issue will be raised on used for layout purpose, i.e. when it contains a role attribute set to "presentation" or "none". Note that using for layout purpose is a bad practice.

No issue will be raised either on containing an aria-hidden attribute set to "true".

### See

- WCAG2, 1.3.1 Info and Relationships
- WCAG2, H39 Using caption elements to associate data table captions with data tables

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